

**Amendment to the Claims**

1-54. (Cancelled)

55. (Previously Presented) A syringe-type cell handling device comprising:

a vessel capable of holding, in a liquid-tight state, a fluid handling medium that contains cells, the vessel having a closed mouth and being at least partially composed of a main body; and a plunger that is slidably insertable into the main body such that the handling medium can be transplanted into a living body by applying a pushing force to the plunger, wherein the handling medium can be transferred between an interior and an exterior of the vessel by the pushing force via the vessel mouth when opened to end the liquid-tight state, the vessel mouth connecting the interior and the exterior of the vessel, wherein:

a discharge part is formed at a surface of the vessel that makes contact with the plunger when the plunger is in a fully pressed state,

at least part of the surface that contacts the handling medium, when the vessel holds the handling medium, is a gas permeable region for passing a quantity of gas necessary for survival of the cells, and at least a part of the gas permeable region is formed in the surface of the vessel that makes contact with the plunger when the plunger is in the fully pressed state, and

the main body includes a gas permeable region comprising a porous film made of one or more of the group consisting of polytetrafluoroethylene, tetrafluoroethylene-hexafluoropropylene copolymer, polyethylene terephthalate, polypropylene, polyethylene, and hydrophobic polyvinylidene fluoride.

56. (Previously Presented) The cell handling device of claim 55, wherein an overall oxygen permeability quantity through the gas permeable region to an entire cell reservoir section of the cell handling device is  $1 \text{ ml/cm}^2 24 \text{ hr atm}$  or more.

57-58. (Cancelled)

59. (Previously Presented) The cell handling device of claim 55, wherein portions of the gas permeable region in the main body are provided at a plurality of separate locations in the main body and each portion extends in a direction of an axis of the vessel.

60. (Previously Presented) The cell handling device of claim 59, wherein each portion of the gas permeable region in the main body is composed of a material whose gas permeability is higher than a gas permeability of a principal material of the main body.

61. (Previously Presented) The cell handling device of claim 55, wherein the discharge part is provided with a closing member having a gas permeable region.

62. (Previously Presented) The cell handling device of claim 59, wherein an overall oxygen permeability quantity through the gas permeable regions to an entire cell reservoir section of the cell handling device is  $1 \text{ ml/cm}^2 24 \text{ hr atm}$  or more.

63. (Cancelled)